7/18/83
A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JULY* 8, 1983 **NO.** 27

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 07/08/83	Last Week Ending: 07/01/83	Last Year Week Ending: 07/09/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,475	12,479	13,028	- 4	- 553
Operable capacity	16,854	16,854	17,382	0	- 528
Percent operated	74.0	74.0	75.0		
Motor Gasoline					
Total motor gasoline production	6,816	6,670	7,015	+ 146	- 199
Finished leaded motor gasoline production	3,076	3,201	*N/A*	- 125	*N/A*
Finished unleaded motor gasoline production	3,740	3,469	*N/A*	+ 271	*N/A*
Total motor gasoline stocks	224,593	222,781	224,260	+ 1,812	+ 333
Finished leaded motor gasoline stocks	97,017	94,556	*N/A*	+ 2,461	*N/A*
Finished unleaded motor gasoline stocks	88,571	88,749	89,679	- 178	- 1,108
Distillate Fuel Oil					
Distillate fuel oil production	2,572	2,542	2,758	+ 30	- 186
Distillate fuel oil stocks	119,919	114,266	133,599	+ 5,653	- 13,680
Residual Fuel Oil					
Residual fuel oil production	753	788	1,118	- 35	- 365
Residual fuel oil stocks	46,129	47,117	61,167	- 988	- 15,038
Imports					
Crude oil imports	3,632	3,741	3,515	- 109	+ 117
Product imports	1,532	1,838	1,325	- 306	+ 207
Crude Oil Stocks					
Crude oil stocks	346,061	350,785	349,111	- 4,724	- 3,050

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 64 For Week Ended *JULY* 8, 1983 NO. 27

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,194	1,044	1,095	1,569	69.8
Appal. No. 1	52	51	51	98	52.0
DISTRICT 1 TOTAL	1,246	1,095	1,146	1,667	68.7
Appal. No. 2	39	35	39	66	59.1
Ind., Ill., Ky.	1,923	1,859	1,903	2,399	79.3
Minn., Wis., Daks.	286	275	284	293	96.9
Okla., Kans., Mo.	690	656	664	858	77.4
DISTRICT 2 TOTAL	2,938	2,825	2,890	3,616	79.9
Inland Texas	499	458	478	592	80.7
Texas Gulf Coast	3,134	2,922	3,012	4,164	72.3
La. Gulf Coast	1,982	1,859	1,893	2,748	68.9
N. La. and Ark.	210	184	197	314	62.7
New Mexico	74	66	68	117	58.1
DISTRICT 3 TOTAL	5,899	5,489	5,648	7,935	71.2
DISTRICT 4 TOTAL	432	446	448	553	81.0
DISTRICT 5 TOTAL	2,391	2,292	2,343●	3,083	76.0●
TOTAL U.S.	12,906	12,147	12,475	16,854	74.0
TOTAL U.S. Weeks Ended:					
JUL. 1, 1983	12,800	12,102	12,479●	16,854	74.0●
JUL. 9, 1982	13,802	12,612	13,028	17,382	75.0
DISTRICTS 1-4 Weeks Ended:					
JUL. 8, 1983	10,515	9,855	10,132	13,771	73.6
JUL. 1, 1983	10,416	9,818	10,126	13,771	73.5
JUL. 9, 1982	11,579	10,490	10,873	14,290	76.1

●*SEE REVISIONS ON PAGE* 8

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 8, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	595	234	361	27	26	297	76
Appal. No. 1	17	6	11	1	--	14	2
DISTRICT 1 TOTAL	612	240	372	28	26	311	78
Appal. No. 2	35	15	20	1	4	14	10
Ind., Ill., Ky.	1,185	542	643	17	63	374	43
Minn., Wis., Daks.	156	89	67	3	11	61	5
Okla., Kans., Mo.	463	269	194	9	27	173	8
DISTRICT 2 TOTAL	1,839	915	924	30	105	622	66
Inland Texas	254	122	132	20	24	112	14
Texas Gulf Coast	1,563	657	906	69	172	597	196
La. Gulf Coast	1,096	451	645	10	177	385	63
N. La. and Ark.	56	23	33	7	--	52	13
New Mexico	33	22	11	15	--	20	2
DISTRICT 3 TOTAL	3,002	1,275	1,727	121	373	1,166	288
DISTRICT 4 TOTAL	235	141	94	10	26	112	12
DISTRICT 5 TOTAL	1,128	505	623	34	254	361	309●
TOTAL U.S.	6,816	3,076	3,740	223	784	2,572	753
TOTAL U.S. Weeks Ended:							
JUL. 1, 1983	6,670	3,201	3,469	206	773	2,542	788●
JUL. 9, 1982	7,015	*N/A*	*N/A*	222	771	2,758	1,118
DISTRICTS 1-4 Weeks Ended:							
JUL. 8, 1983	5,688	2,571	3,117	189	530	2,211	444
JUL. 1, 1983	5,685	2,734	2,951	160	545	2,160	459
JUL. 9, 1982	5,998	*N/A*	*N/A*	165	554	2,420	774

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 8, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	5,170	2,795	2,374	1	123	921	6,308	1,434	--
Central Atlantic	27,921	12,469	11,601	3,851	585	4,466	25,024	17,113	12,357
Lower Atlantic	28,558	15,265	12,979	314	250	3,888	13,910	4,073	543
DISTRICT 1 TOTAL	61,649	30,529	26,954	4,166	958	9,275	45,242	22,620	12,900
DISTRICT 2 TOTAL	64,336	29,195	26,459	8,682	1,865	7,862	29,080	3,414	18,107
DISTRICT 3 TOTAL	64,424●	24,509	22,812	17,103●	2,547	10,679	31,824	11,335	46,883
DISTRICT 4 TOTAL	6,684	3,173	1,593	1,918	294	792	3,024	528	2,483
DISTRICT 5 TOTAL	27,500	9,611	10,753	7,136	1,706	6,043	10,749	8,232	25,271
TOTAL U.S.	224,593	97,017	88,571	39,005	7,370	34,651	119,919	46,129	105,644
TOTAL U.S. Weeks Ended:									
JUL. 1, 1983	222,781●	94,556	88,749	39,476●	7,453	35,665	114,266	47,117	108,167
JUL. 9, 1982	224,260	*N/A*	89,679	*N/A*	5,449	34,887	133,599	61,187	116,857
DISTRICTS 1-4 Weeks Ended:									
JUL. 8, 1983	197,093	87,406	77,818	31,869	5,664	28,608	109,170	37,897	80,373
JUL. 1, 1983	196,316●	85,435	78,933	31,948●	5,465	29,727	103,339	39,603	82,395
JUL. 9, 1982	199,163	*N/A*	80,333	*N/A*	4,238	29,237	122,463	51,462	91,270

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8

WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 8, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *FEB* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
JUL. 8, 1983	5,885.9	5,920.0	3,427	196	262,829
JUL. 1, 1983	5,893.5●	--	3,459	215	264,781
JUN. 24, 1983	5,893.5●	--	2,995	299	265,519
JUN. 17, 1983	5,893.5●	--	2,671	262	266,427
DISTRICT 5 TOTAL					
JUL. 8, 1983	2,812.5	2,821.0	205	8	83,232 *
JUL. 1, 1983	2,794.0●	--	282	--	86,004
JUN. 24, 1983	2,794.0●	--	381	7	86,610
JUN. 17, 1983	2,794.0●	--	314	--	82,134
TOTAL U.S.					
JUL. 8, 1983	8,698.4	8,741.0	3,632	204	346,061 *
JUL. 1, 1983	8,687.5●	--	3,741	215	350,785
JUN. 24, 1983	8,687.5●	--	3,376	306	352,129
JUN. 17, 1983	8,687.5●	--	2,985	262	348,561
JUL. 9, 1982	8,656.1 */A*	--	3,515	167	349,111

**INCLUDES 27,135 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR JULY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
JUL. 8, 1983	15,442	77,439	155,812	14,136	262,829	83,232 *	346,061 *
JUL. 1, 1983	15,766	78,348	156,419	14,248	264,781	86,004	350,785
JUL. 9, 1982	18,742	74,738	156,898	15,171	265,549	83,562	349,111

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

API WEEKLY STATISTICAL BULLETIN

Week Ended *JULY* 8, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	48	97	9	--	--	154
Central Atlantic	39	39	--	--	--	141	439	--	41	93	753
Lower Atlantic	129	57	72	--	--	71	41	--	--	20	261
DISTRICT 1 TOTAL											
JUL. 8, 1983	168	96	72	--	--	260	577	9	41	113	1,168
JUL. 1, 1983	192	104	88	--	31	187	640	6	90	151	1,297
JUN. 24, 1983	283	66	217	--	55	241	690	19	71	121	1,480
JUN. 17, 1983	113	52	61	--	12	56	415	6	38	--	640
DISTRICTS 2-4 TOTAL											
JUL. 8, 1983	8	5	3	--	4	4	39	67	123	49	294
JUL. 1, 1983	9	9	--	--	--	6	11	118	91	176	411
JUN. 24, 1983	10	10	--	--	--	42	15	79	288	48	482
JUN. 17, 1983	21	21	--	--	--	4	47	146	90	75	383
DISTRICT 5 TOTAL											
JUL. 8, 1983	32	25	7	--	--	5	18	15	--	--	70
JUL. 1, 1983	38	30	8	--	2	17	17	16	34	6	130
JUN. 24, 1983	39	32	7	--	--	7	17	19	58	62	202
JUN. 17, 1983	37	30	7	--	--	4	16	14	--	5	76
TOTAL U.S.	208	126	82	--	4	269	634	91	164	162	1,532
TOTAL U.S. Weeks Ended:											
JUL. 1, 1983	239	143	96	--	33	210	668	140	215	333	1,838
JUN. 24, 1983	332	108	224	--	55	290	722	117	417	231	2,164
JUN. 17, 1983	171	103	68	--	12	64	478	166	128	80	1,099
JUL. 9, 1982	174	*N/A*	91	--	11	75	640	143	264	18	1,325

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	June 1983	May 1983	Feb. 1983
Florida	63.0	64.0	63.0
New York-Pennsylvania	14.0	12.0	14.0
Virginia	-	-	-
West Virginia	8.0	9.5	9.0
Illinois	82.0	83.0	83.0
Indiana	16.0	13.0	16.0
Kansas	199.0	198.5	195.0
Kentucky	23.0	23.0	23.0
Michigan	90.0	89.0	90.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.0	18.5	18.0
Ohio	40.0	40.0	40.0
Oklahoma	435.0	435.0	476.0
North Dakota	142.0	141.5	142.0
South Dakota	3.0	3.0	3.0
Alabama	55.0	55.0	54.0
Arkansas	52.0	52.0	52.0
Mississippi	86.0	86.0	86.0
New Mexico-So. East	187.0	187.0	188.0
New Mexico-Other	14.5	14.5	18.0
North Louisiana	95.0	95.0	95.0
South Louisiana	1,205.0	1,202.0	1,178.0
Total Louisiana	1,300.0	1,297.0	1,273.0
Texas			
District 1	67.0	68.0	69.0
District 2	109.0	110.0	109.0
District 3	369.0	370.0	367.0
District 4	78.0	80.0	77.0
District 5	21.0	22.0	23.0
District 6, East Texas Field	142.0	143.0	143.0
Other	114.0	114.0	118.0
District 7-B	92.0	93.0	92.0
District 7-C	98.0	104.0	97.0
District 8 and 8-A	1,259.0	1,260.0	1,268.0
District 9	105.0	106.0	106.0
District 10	58.0	60.0	54.0
Total Texas	2,512.0	2,530.0	2,523.0
Colorado	82.0	82.0	84.0
Montana	83.0	84.0	81.0
Utah	64.0	64.0	64.0
Wyoming	321.0	323.0	321.0
Total Dists. 1-4	5,893.5	5,908.5	5,920.0
Alaska	1,684.5	1,657.0	1,717.0
Arizona	1.0	1.0	1.0
California	1,106.5	1,102.0	1,101.0
Nevada	2.0	2.0	2.0
Total Dist. 5	2,794.0	2,762.0	2,821.0
Total U.S.	8,687.5	8,670.5	8,741.0

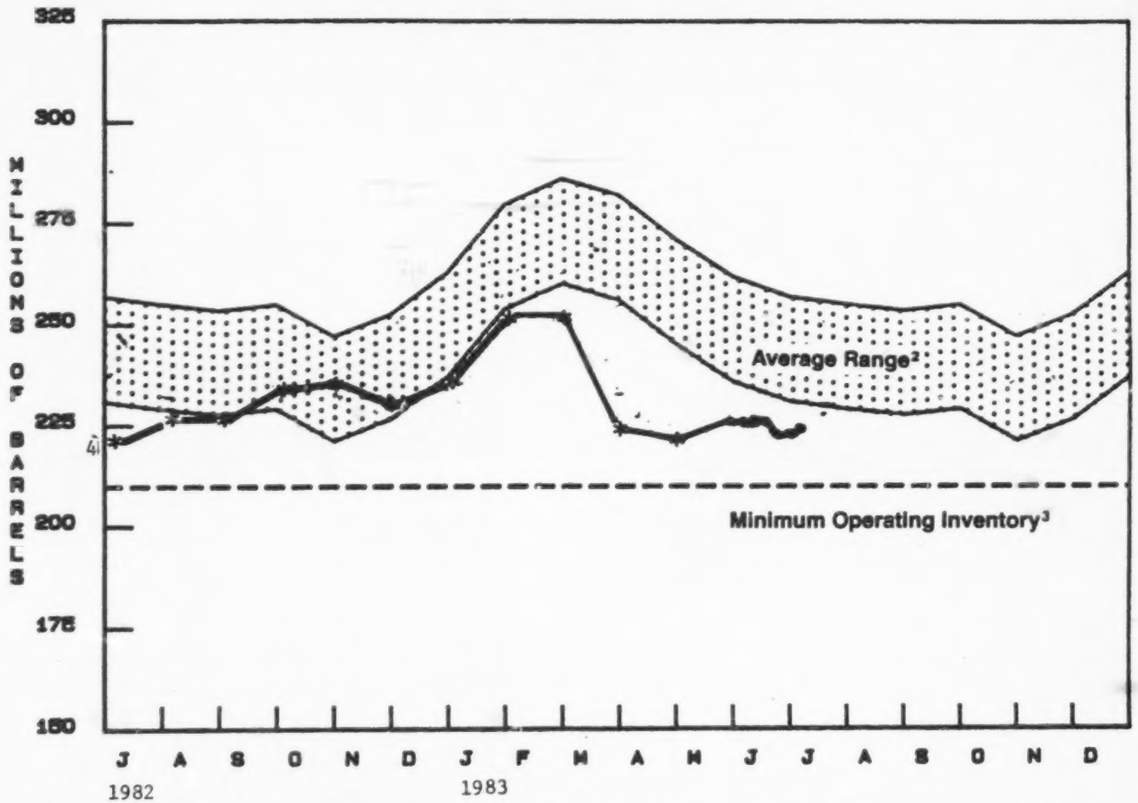
API STATISTICAL BULLETIN
WEEK ENDED: JUL. 8, 1983

REVISIONS

7/01/83	PAGE 1	INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,353
			TOTAL U.S.	12,479
		O/O OPERATED	DISTRICT 5 TOTAL	76.3
			TOTAL U.S.	74.0
	PAGE 2	RESIDUAL FUEL	DISTRICT 5 TOTAL	329
			TOTAL U.S.	788
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	62,106
			TOTAL U.S.	222,781
			DISTRICTS 1-4	196,316
		BLENDING COMPS	DISTRICT 3 TOTAL	16,256
			TOTAL U.S.	39,476
			DISTRICTS 1-4	31,948

Week Ended July 8, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

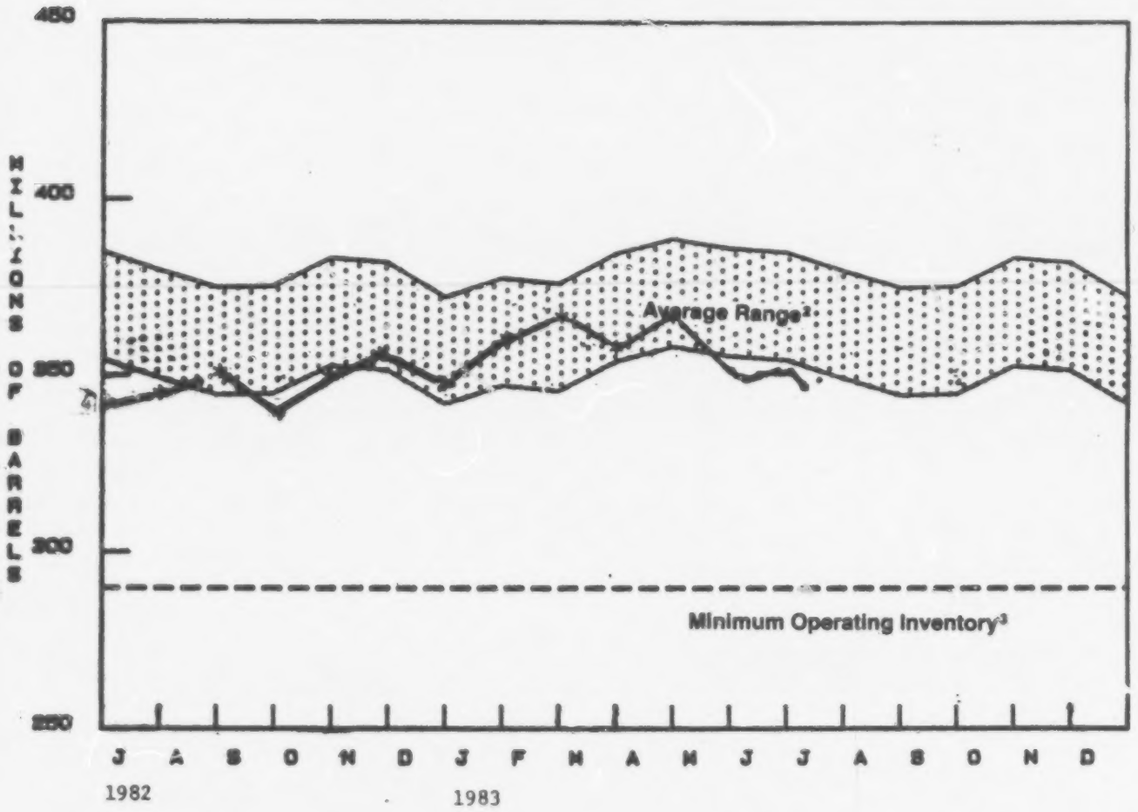
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

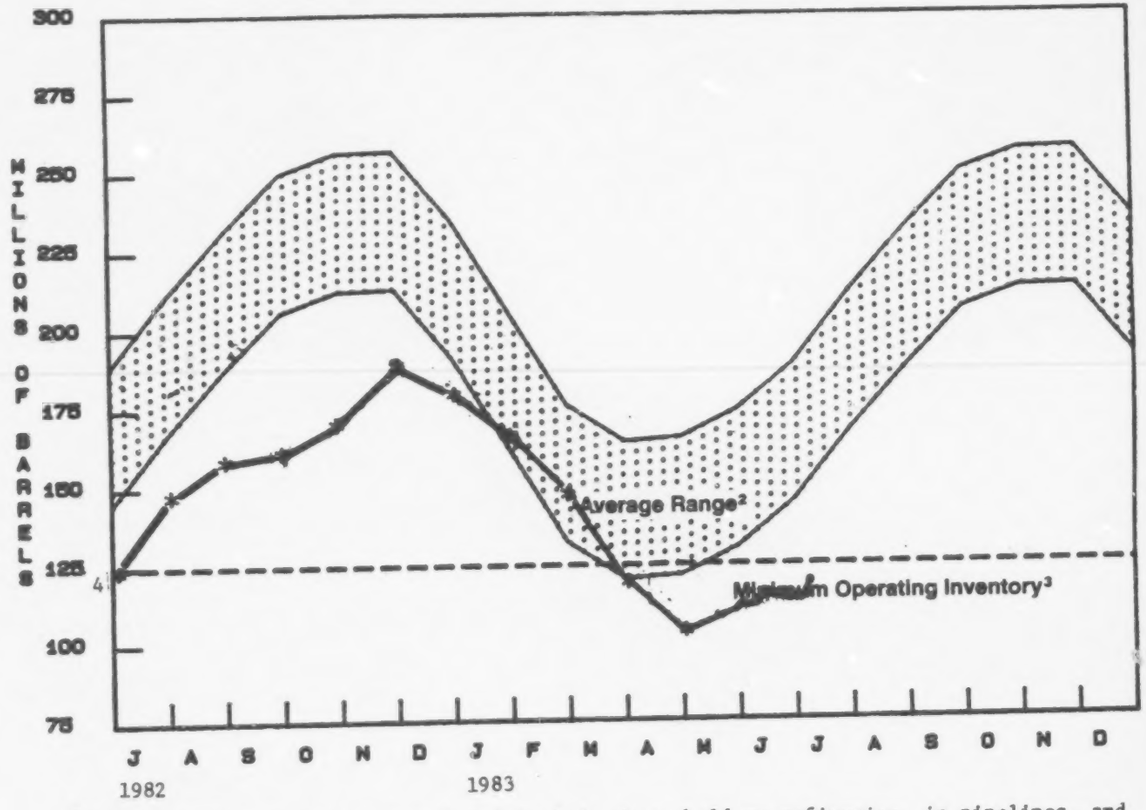
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 8, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

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•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.